



P.O. Box 3185
Louisville, KY 40201
Phone: (502) 587-7349
Customer Toll Free:
(800) 489-0506
Fax: (502) 587-7340

PRESIDENT

Chris Haragan
Sales Engineer
chris@airequipmentcompany.com

VICE PRESIDENT

Chip Summers, P.E.
Sales Engineer
chip@aeky.com

Luke Powell, LEED AP
Sales Engineer
luke@airequipmentcompany.com

Ron Bennett
Sales Engineer
ron@airequipmentcompany.com

Carol Hoferkamp
Office Manager
carol@airequipmentcompany.com

Cathy Mitchell
Project Manager /Parts
cathy@airequipmentcompany.com

Jason Nichter
Inside Sales
Jason@aeky.com

WHAT'S INSIDE?

Pg. 2

New gas detection
system

Pg. 3

High Profile Projects
happening in Louisville

Need a VFD today? Air Equipment Company now stocking drives!



As part of our recent renovation, we made room for a continuous supply of ABB drives. These drives are available at our office in Louisville for immediate customer pickup.

We understand that VFD's are often controlling motors on critical pieces of equipment, such as AHU fans or water pumps. We also realize that sometimes, due to no fault of their own (such as our recent flood), customers may find themselves in a position where they need a replacement VFD within hours, not days or weeks.



In our effort to better serve our customers, we have filled our stock room with VFD's ranging from 2HP through 20HP in 208/3/60; and 2HP through 50HP in 480/3/60.

Stock levels will change frequently, so please call to verify that we have the drive you need in stock.

As always, we have factory trained personnel that are available for certified startup of ABB drives.



The New E³Point from Honeywell Analytics

The E³Point was introduced to replace multiple gas detection sensors in the Honeywell Analytics (formerly Vulcain) product line. E³Point is capable of detecting the widest range of toxic and combustible gases found in commercial building spaces and outbuildings, including CO, NO₂, O₂, H₂, H₂S, CH₄ and C₃H₈. It can be used as a standalone unit with single or dual-gas detection (i.e. using a remote sensor) or deployed as a networkable device (interoperable with BACnet, Lonworks or other Building Automation System); E³Point also functions with existing controller-based gas monitoring systems and wired-wireless gas monitoring system components.



E³Point uses Demand Control Ventilation—through relays, Building Automation System (BAS) or controller—to increase energy savings, extend fan life and align with green building best practices. In its network configuration, E³Point also optimizes HVAC, fire/smoke, surveillance and other building systems performance.

Intelligent product design reduces the unit's cost of ownership while increasing flexibility of application. Smart sensors are pre-calibrated, auto-configure upon set-up and operate continuously on patented Reflex[®] technology which continuously monitors sensor cell condition and alerts user to fault status. The plug-n-play sensor cartridge, user-friendly menu and wiring options simplify installation and maintenance, and reduce the cost of gas monitoring over the life of the unit.

FUN FACTS

Here are some CRAZY Laws in California...

- A regulation in San Francisco makes it unlawful to use used underwear to wipe off cars in a car wash.
- Blythe: You are not permitted to wear cowboy boots unless you already own at least two cows.
- Burlingame: It is illegal to spit, except on baseball diamonds
- In Los Angeles a man is legally entitled to beat his wife with a leather belt or strap, but the belt can't be wider than 2 inches, unless he has his wife's consent to beat her with a wider strap. Consent should be given prior to the event, as is carefully stipulated.
- It is illegal to pile horse manure more than six feet high on a street corner.
- Long Beach: It is illegal to curse on a mini-golf course.



Air Equipment Company Supplies Equipment for High-Profile Projects

The **University of Louisville** officially opened the doors of the \$143 million Clinical and Translational Research (CTR) building at the corner of South Hancock Street and East Muhammad Ali Boulevard on Monday, October 12th.

The five-story, 300,000-square-foot building houses offices for various U of L researchers who work on cures for cancer and other diseases, according to a news release.

According to U of L's website the CTR cost approximately \$143.1 million including a project to extend the service tunnel. The CTR building took more than two years to construct, and is the largest construction project to be completed in Louisville this year.



U of L has applied for Leadership in Energy and Environmental Design (LEED) Silver certification from the U.S. Green Building Council.

As part of the effort to achieve LEED certification, Air Equipment Company supplied a building demand control ventilation system by **Aircuity**. By sampling air from rooms (including labs), the system can allow for a drastic reduction in required air change rates. This should significantly increase the energy efficiency of the facility. Using this strategy, we can maintain occupant safety while furthering the goals of sustainable laboratory design.

Air Enterprises Custom Air Handling units, **Phoenix Controls** laboratory airflow control systems, **ABB** variable frequency drives, **Strobic Air** lab exhaust fans, and **Air Monitor** air flow measuring stations were also furnished by Air Equipment Company on this project.



The **University of Louisville** expects to realize more than \$30 million in savings on its Belknap campus by 2024 as the results of a comprehensive energy conservation and sustainability project that is being launched this month.

The project grew out of a year-long energy audit performed last year. The \$21.7 million performance contract will include HVAC upgrades that will bring almost 200 new **ABB** variable frequency drives to 28 buildings on the campus. The project will be completed over the next 14 months and will result in an annual savings to the University of \$2.3 million in energy, maintenance, and repair costs over the course of the 13.5 years, beginning in December 2010, when the work is complete.

According to an article in Louisville Business First, the project also will reduce Belknap Campus' annual utility budget 26 percent (23 percent cut in electricity and natural gas and 38 percent cut in coal consumption).

Air Equipment Company
PO Box 3185
Louisville, KY 40201-3185

For more information....

Please contact us at Air Equipment Company, or feel free to visit the following websites:

Air Equipment Company – <http://www.airequipmentcompany.com> or <http://www.aecky.com>

Honeywell Gas Detection- <http://www.honeywellanalytics.com/>

Aircuity – <http://www.aircuity.com>

ABB- <http://www.abb.us/drives>



214 E. Kentucky St.
Louisville, KY 40203
Phone: (502) 587-7349
Toll Free: (800) 489-0506
Fax: (502) 587-7340

For suggestions and comments regarding this newsletter, please contact Luke Powell.